

Ash-ton®

Designed in Australia



T-TRANSPORTA™

**WIRELESS
PORTABLE PA
USER MANUAL**

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INTRODUCTION:

Ashton is designed in Australia by a team of industry experts that have years of experience in the development, design and production of musical instruments and equipment. Ashton's range of instruments are a result of years of development and careful testing. Every Ashton product is designed with value in mind and features the highest quality materials available. This manual will help you understand some of the great features of your Transporta.

Enjoy,
The Ashton Team

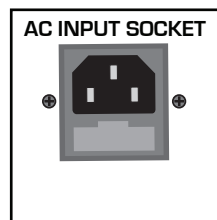
The Ashton Team

SETTING UP: INSTALLATION AND CONNECTION

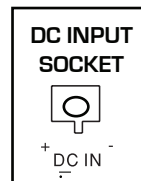
MAINS CONNECTION:

AC CONNECTION: To connect, simply make sure the unit is turned off and connect to a power source.

To ensure maximum safety, make sure you always check that the AC type matches your local settings. It is advisable to unplug the unit during lightning storms or power surges to avoid damage to the electronics of the device. You may also choose to use a reputable surge protector.



DC CONNECTION: The unit can also be powered by the DC input socket, this power connection will only power the unit. It will not charge it. You will need a DC24V 2.5A adaptor.



INSTALLATION:

Depending on your live situation, the Transporta can be either placed on the floor or on a speaker stand. See Ashton's range of speaker stands (sold separately).

NOTE: The unit is heavy, so if you are putting the unit on a speaker stand, make sure the stand is on a flat surface and is attached properly. To avoid injury we suggest using two people to lift the Transporta onto the speaker stand.

SPECIFICATIONS:

GENERAL SPECIFICATIONS:	
SPEAKER	1 X 10" Woofer & 1 x 1" Tweeter (at 4ohm)
RECEIVER MODULE	UHF PLL 16-channel true-diversity single receiver
FREQ. BAND	UHF 600 - 960 MHz (801 - 825 MHz)
OUTPUT POWER	120W
CHARGE TIME	6 - 8 Hours
OPERATIVE TIME	3 - 9 Hours
RECHARGABLE BATTERY	12V/5Ah (2 pieces)
DIMENSIONS	50cm x 32cm x 29cm (HxWxD)
WEIGHT	16kgs

MICROPHONE SPECIFICATIONS:	
MIC CAPSULE	Dynamic (EP-900 device ECM)
RF RANGE	600 - 960Mhz
STABILITY	± 0.005%
FREQ. RESPONSE	50Hz - 18KHz (± 3dB)
ANTENNA	Built-in
S/N RATIO	80dB overall
RF OUTPUT	10mW MAX.
CURRENT CONSUMPTION	100mA ± 10mA
BATTERY	2 x AA (1.5V)
WEIGHT	230g

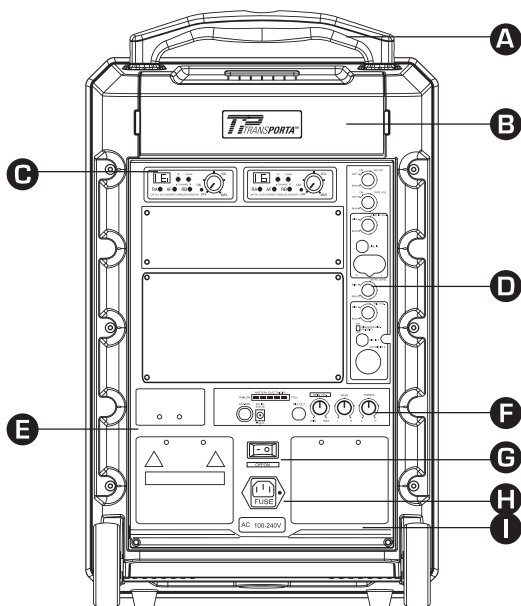
RECEIVER SPECIFICATIONS:	
RF RANGE	UHF 801- 825Mhz
STABILITY	± 0.005%
DYNAMIC RANGE	± 40KHz w/level limiting circuit
S/N RATIO	>110dB
T.H.D	>105dB
SQUELCH CIRCUIT	Pilotone squelch/PLL synthesised receiver/Non-diversity
FREQ. RESPONSE	50Hz - 18KHz (± 3dB)
RECEIVER MODE	Quartz and tone squelch true diversity/Single receiver/Non-diversity or PLL system
WIRELESS MIC CAPSULE TYPE	Dynamic capsule or condenser capsule
TRANS. RATIO	Approx. 10mW

BODYPACK SPECIFICATIONS:	
RF RANGE	UHF 801 - 825Mhz
STABILITY	± 0.005%
PRE-PROGRAMMED FREQUENCY	Preset 16 Channels
ANTENNA	External
WEIGHT	100g
BATTERY	2 x AA (1.5V)

PARTS LISTING:

- 1 x Transporta main unit
- 1 x Hand-held wireless microphone
- 1 x Bodypack receiver with lapel microphone
- 1 x AC power cord
- 4 x AA rechargeable batteries

PARTS DESCRIPTION:



A. CARRY HANDLE

B. ACCESSORIES TRAY: Storage space for mics and cords.

C. WIRELESS MODULE: Turn to page 4.

D. MAIN CONTROL PANEL 1: Turn to page 5.

E. MICROPHONE RECHARGING BOX: Simultaneously charge up to 4 wireless mic batteries in this compartment.

F. MAIN CONTROL PANEL 2: Turn to page 5.

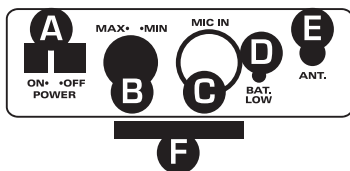
G. POWER SWITCH: Switch to turn power ON and OFF.

H. AC POWER INPUT

I. INTERNAL BATTERY

OPERATING WIRELESS DEVICES

BODYPACK RECEIVER:



A. POWER SWITCH

B. VOLUME CONTROL: Turn to adjust volume level.

C. MIC INPUT: Input for wireless device.

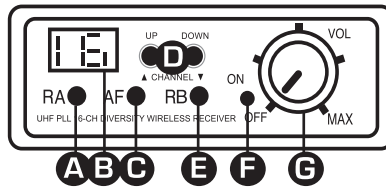
D. BAT. LOW: Battery level indicator.

E. ANTENNA: Antenna is connected here.

F. CLIP: Clips onto belt or strap.

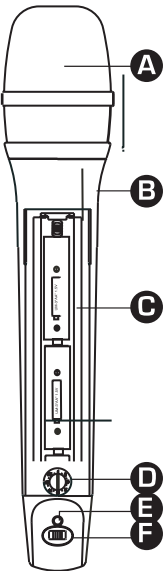
OPERATING WIRELESS DEVICES

WIRELESS MODULE DESCRIPTION:



- A. RA SIGNAL INDICATOR:** Lights up when wireless RF signal is received.
- B. LED DISPLAY:** Displays selected channel, to change use D.
- C. AF SIGNAL INDICATOR:** Lights up when microphone audio signal is received.
- D. CHANNEL SELECTOR BUTTONS:** Turn to set wireless channel (up to 16).
- E. RB SIGNAL INDICATOR:** Lights up when wireless RF signal is received.
- F. POWER LED:** LED power indicator.
- G. VOLUME CONTROL/POWER SWITCH:** Turn clockwise to turn power on and continually increase volume.

WIRELESS MICROPHONE:

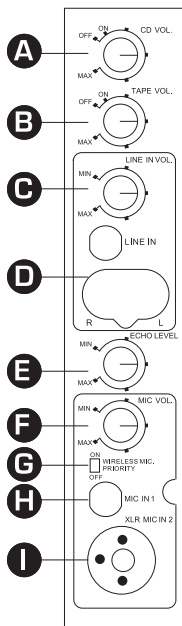


- A. STEEL GRILL:** Protects microphone.
- B. ALUMINIUM NECK RING:** Attaches steel grill to microphone body.
- C. BATTERY COMPARTMENT:** Replace batteries (AA type).
- D. CHANNEL SWITCH:** Sets channel of microphone transmission, you will need to select the same channel on the microphone and the receiver on the Transporta to enable wireless transmission between devices to be heard.
- E. BATTERY INDICATOR:** This will light and flash when batteries are low.
- F. POWER SWITCH:** Switch to turn power to wireless microphone ON and OFF.

Note: Remove the batteries if you do not plan to use this device for an extended period of time.

MAIN CONTROLS

PANEL 1 DESCRIPTION:



A/B. CD/TAPE VOLUME KNOBS: These knobs are only used when tape deck or CD player is installed.

C. LINE IN VOLUME KNOB & JACK: Volume control for external audio input. Connect external audio (eg, MP3 or stereo). Level controlled by C.

D. RCA LINE IN: Plug an RCA device (eg, MP3 or stereo) via this input.

E. ECHO LEVEL KNOB: Controls the level of echo (delay) on both the wireless and wired mics.

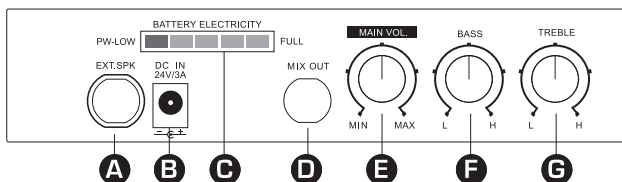
F. MIC VOLUME KNOB: Controls the volume level of mics plugged into either H or I.

G. WIRELESS MIC PRIORITY SWITCH: Switch to engage microphone priority. See page 6.

H. MIC INPUT: Connect an external microphone with an 1/4" jack via this input.

I. MIC INPUT: Connect an external microphone with an XLR jack via this input.

PANEL 2 DESCRIPTION:



A. EXTENSION SPEAKER

OUTPUT: Output to an external speaker.

B. DC POWER INPUT:

Provides alternate power to the unit. [DC24V 2.5A]

C. BATTERY LEVEL INDICATOR: Lights indicate battery power level when not plugged into AC power. When charging, the lights will flash as the battery charges from low to full. If only one LED is red, you need to recharge the device.

E. MAIN VOLUME KNOB: Controls the overall volume of the output.

F. BASS CONTROL KNOB: Controls overall bass level in output sound.

G. TREBLE CONTROL KNOB: Controls overall treble level in output sound.

GENERAL USAGE

TURNING UNIT ON:

When turning the unit on always make sure all the volume knobs are set to minimum and unplug any attached devices. This will ensure longer speaker life.

ATTACHING AN MP3 DEVICE:

The best method for connecting an MP3 device to the Transporta is via the RCA inputs located on the main panel (see panel description on previous page). By using this input you ensure that both the left and right stereo signals are heard through the device.

Note: Most MP3 players have a 1/8" jack connection, you will need to purchase 2 x RCA to 1/8" adaptor lead (Ashton RCA28S). These can also be found at most music or hi-fi stores.

CHARGING THE UNIT:

When the unit is plugged into your mains power outlet, the unit automatically charges. When the unit is charging the LED lights located on the main control panel will flash green.

WIRELESS MIC PRIORITY:

When this function is engaged, the wireless microphone output is nominated as the main sound source and is prioritised in volume level over all other inputted devices. This is a great function for vocal practice with a backing track or making a speech with background music.

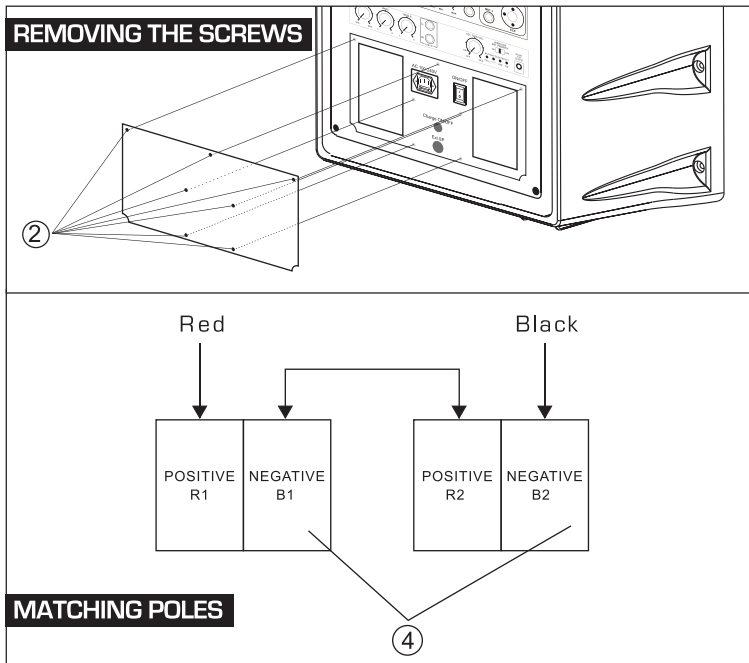
LINE IN:

The "line in" input allows external devices (eg, stereo, instrument, amplifier) to be played through the Transporta. This input is a 1/4" stereo input.

GENERAL USAGE

CHANGING THE BATTERY:

1. Switch off power to device before changing the batteries.
2. Take out screws on battery plate located on back panel (see diagram).
3. Take batteries out.
4. Match the pole with colour of the battery and it's subsequent slot and replace batteries.



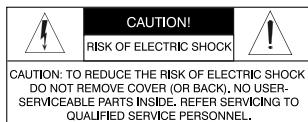
SAFETY INFORMATION:

INSTRUCTIONS RELATING TO RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS.

WARNING!

When using any electronic product, basic precautions should always be followed, including the following:

1. Read **all** the safety and installation instructions and explanations of graphic symbols and set-up/controls before using the products.
2. This product must be earthed. In the unlikely malfunction or breakdown, grounding provides a path of least resistance for electronic current to reduce the risk of electric shock. This product is equipped with a cord having an equipment-grounding conductor and a grounding plug. The plug must be connected to an appropriate outlet that is properly installed and earthed in accordance with all local codes and ordinances. **DANGER:** Improper connection of the equipment grounding conductor can result in a risk of electric shock. Check with a qualified electrician or service professional if you are in doubt as to whether the product is properly grounded. Do not modify the plug provided with the product. If it will not fit the outlet, have a proper outlet installed by a qualified technician.
3. To reduce the risk of injury, close supervision is necessary when this product is used, especially near children.
4. Do not use this product near water; eg, near a bathtub, sink, in a wet basement, or near a swimming pool.
5. This product, either alone or in combination with an instrument and headphones or speakers, may be capable of producing sound levels that could cause permanent hearing loss. Do not operate for a long period of time at a high volume level, or at a level that is uncomfortable.
6. This product should be installed in a location that provides adequate ventilation.
7. This product should be located away from heat sources such as radiators, heat registers, or other products that produce heat.
8. The product should be connected to a power supply only of the type described in the operating instructions or as marked on the product.
9. The power-supply cord of the product should be unplugged from the outlet when left unused for a long period of time. When unplugging the power supply cord, do not pull on the cord but grasp it by the plug.
10. Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through any openings.
11. The product should only be serviced by qualified service personnel when:
 - A. The power-supply cord or the plug has been damaged.
 - B. Objects have fallen on, or liquid has been spilled into the product.
 - C. The product has been exposed to rain or moisture.
 - D. The product does not appear to be operating normally, or exhibits a marked change in performance.
 - E. The product has been dropped or the cabinet damaged.
12. Do not attempt to service the product beyond that described in the manual instructions. All other servicing should be referred to qualified service personnel.
13. **WARNING !** Do not place objects on products, the power cord or place it in a position where anyone could trip over, walk on or roll anything over it. Do not allow any part of the product to rest on or be installed over power cords of any type. Improper installations of this type create the possibility of fire and general safety hazard.



Warning Symbols:

Ashton electronic products could present labels similar to these displayed in this section. Please follow accurately the precautions described in the safety instructions.



The exclamation mark within a triangle is intended to alert.



The lightning flash with arrowhead symbol, within a triangle, is intended to alert the user to the presence of uninsulated dangerous voltage within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

IMPORTANT NOTE: To reduce the risk related to the correct and normal use of the instrument, **all** Ashton products are accurately tested in a safety laboratory. **DO NOT** modify the present unit, the safety standard and the correct instrument operativeness could be compromised, and as a further consequence the warranty will be invalidated.



Ashton[®]

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www.ashtonmusic.com